



Michigan
Transportation Asset
Management Council

Transportation Asset Management Council
Bridge Committee Meeting Agenda
Thursday, December 20, 2018 @ 2:00 PM
Aeronautics Building- Second Floor Commission Room
2700 Port Lansing Road
Lansing, Michigan

Meeting Telephone Conference Line: 1-877-336-1828 Access Code: 8553654#

- 1. Welcome - Call to Order – Introduction**
- 2. Public Comments on Non-Agenda Items**
- 3. Additions or Deletions of Agenda Items**
- 4. Consent Agenda (*Action Item*)**
 - 4.1. Approval of the 9-17-18 Meeting Minutes (*Attachment 1*)
- 5. Update Items**
 - 5.1. 2019 Schedule of Events and Participation Opportunities (*Attachment 2*)
 - 5.2. 2018 Michigan Roads & Bridges Annual Report Schedule (*Attachment 3*)
 - 5.3. Update on Bridge Bundling Efforts (*Attachment 4*)
 - 5.4. TAMC Culvert Pilot Project (*Attachments 5 & 6*)
 - 5.4.1. Status of Invoices & Project Budget Update
 - 5.4.2. Culvert Pilot Data Integration into TAMC Interactive Map and Dashboards
 - 5.4.3. Synopsis of Culvert Pilot Project for 2018 Roads & Bridges Annual Report
 - 5.4.4. APWA Public Works Project of the Year Award – Nominate Culvert Pilot
 - 5.4.5. Continuing Culvert Data Collection Efforts into Future
 - 5.4.5.1. Budget Requirements and Funding Sources
 - 5.4.5.2. Data Collection Policy and Standards
 - 5.4.5.3. Culvert Data Integrated into Asset Management Plans
 - 5.5. The Bridge Newsletter Article/TAMC Culvert Pilot Report
- 6. Public Comments**
- 7. Member Comments**
- 8. Adjournment:** *Next meeting is scheduled for January 24, 2019 @ 2:00 PM*

Committee Members: Chair: Rebecca Curtis, MDOT - Vice Chair: Keith Cooper, MDOT
Al Halbeisen, ACEC - Wayne Harrall, CRA - Bill McEntee, CRA - Gary Mekjian, MML
Brian Vilmont, Subject Matter Expert - Brad Wieferich, MDOT

MINUTES
TRANSPORTATION ASSET MANAGEMENT COUNCIL
BRIDGE COMMITTEE MEETING

September 17, 2018 at 2:00 p.m. – 4:00 p.m.
Aeronautics Building, 2nd Floor, Commission Conference Room
2700 Port Lansing Road
Lansing, Michigan

**** Frequently Used Acronyms List attached.**

Committee Member:

Keith Cooper, MDOT – Vice-Chair
Don Disselkoen, MAC
Wayne Harrall, KCRC, via Telephone
Bill McEntee, CRA, via Telephone

Rebecca Curtis, MDOT – Chair, via Telephone
Al Halbeisen, OHM Advisors
Joanna Johnson, RCKC/CRA
Brian Vilmont, Prein & Newhof

Support Staff:

Niles Annelin, MDOT
Chris Gilbertson, MTU
Polly Kent, MDOT

Scott Bershing, MTU, via Telephone
Cheryl Granger, DTMB/CSS
Gloria Strong, MDOT

Members Absent:

Gary Mekjian, MML
Brad Wieferich, MDOT

Public Present:

None

1. Welcome - Call-To-Order - Introductions:

The meeting was called-to-order at 2:07 p.m. Everyone present was introduced and welcomed. Keith Cooper, Vice Chair, chaired the meeting, since Rebecca Curtis, Chair, was participating by phone.

2. Public Comments on Non-Agenda Items:

None

3. Additions or Deletions of Agenda Items:

None

4. Consent Agenda (Action Item):

4.1. - Approval of the August 23, 2018 Meeting Minutes (Attachment 1)

Motion: B. Vilmont made a motion to approve the August 23, 2018 meeting minutes; A. Halbeisen seconded the motion. The motion was approved by all members present.

5. Update Items:

5.1. – FY 2018 TAMC Pilot Project for Culvert Data Collection

5.1.1.–Culvert Pilot Project Draft Report– C. Gilbertson/S. Bershing (Attachment 2)

A copy of the final draft Culvert Pilot Project Report was shared with the committee. The report was reviewed, and modifications were noted by MTU, and will be updated and re-submitted to the committee as the Final Culvert Pilot Project. There were minor changes to the verbiage in the report and a few tables were modified for better understanding and correlated with the text in the document and executive summary. MTU will run the new tables by the Bridge Committee before finalizing the report. After finalizing the report, MTU will send it to J. Johnson and R. Curtis by September 26, 2018. They will put in PDF form which will bring the report size down to 18 megs. J. Johnson will send it to the MIC, TAMC, and the Governor's Executive Office.

R. Curtis will use the Abstract Section of the report and create a visually graphic document summarizing the report in a less technical way and send the document to MDOT Graphics for finalization. She will add in pictures, graphics, and parts of a presentation on Culverts from T. Colling. She will not have this completed until possibly after September 26, 2018.

Action Item: MTU will finalize the tables and send them out to full Council.

Action Item: MTU will finalize the full report and send it to J. Johnson and R. Curtis.

Action Item: J. Johnson will send the finalized report with a brief cover letter/note to MIC, TAMC, and the Governor's Executive Office.

Action Item: R. Curtis will create a brief attractive report from the Abstract Section of the final Culvert Pilot Project Report with added graphs, photos, and verbiage summarizing the culvert project in less technical verbiage.

5.1.2. – Status of Invoices and Project Budget Update – R. Belknap (Attachment 2)

Invoices are coming in at a steady rate and going smoothly. There are discussions going on with MDOT Finance on whether TAMC can use the left-over funding next fiscal year. The dollar amount that is left over will not be final until all invoices come in and are paid. The funds have to be encumbered before the end of the fiscal year, to an agency already under contract to work on the culvert pilot.

Motion: A. Halbeisen made a motion to use any remaining funds to support follow up efforts related to the culvert inventory and assessment data already collected, with agencies already under contract; B. Vilmont seconded the motion. The motion was approved by all members present

5.2. – “The Bridge” Newsletter Article/TAMC Culvert Pilot Project Report – C. Gilbertson

C. Gilbertson and S. Bershing will do the article for the next “The Bridge” Newsletter. They will do the article on the Culvert Pilot Project and use the Executive Summary for the article and add a few interviews.

6. Public Comments:

None

7. Member Comments:

J. Johnson informed the Bridge Committee that due to her added responsibilities working with the MIC, she will no longer be on the TAMC Bridge Committee. Today is the last Bridge

Committee meeting that she will attend. She noted that it was a pleasure working with the committee.

8. Adjournment:

The meeting adjourned at 4:02 p.m. The next meeting will be held October 25, 2018, at 2:00 p.m.- 4:00 p.m., MDOT Aeronautics Building, 2nd Floor Commission Conference Room, Lansing.

FREQUENTLY USED ACRONYMS:	
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
ACE	ADMINISTRATION, COMMUNICATION, AND EDUCATION (TAMC COMMITTEE)
ACT-51	PUBLIC ACT 51 OF 1951-DEFINITION: A CLASSIFICATION SYTEM DESIGNED TO DISTRIBUTE MICHIGAN'S ACT 51 FUNDS. A ROADWAY MUST BE CLASSIFIED ON THE ACT 51 LIST TO RECEIVE STATE MONEY.
ADARS	ACT 51 DISTRIBUTION AND REPORTING SYSTEM
BTP	BUREAU OF TRANSPORTATION PLANNING (MDOT)
CRA	COUNTY ROAD ASSOCIATION (OF MICHIGAN)
CSD	CONTRACT SERVICES DIVISION (MDOT)
CSS	CENTER FOR SHARED SOLUTIONS
DI	DISTRESS INDEX
FAST	FIXING AMERICA'S SURFACE TRANSPORTATION ACT
FHWA	FEDERAL HIGHWAY ADMINISTRATION
FOD	FINANCIAL OPERATIONS DIVISION (MDOT)
FY	FISCAL YEAR
GLS REGION V	GENESEE-LAPEER-SHIAWASSEE REGION V PLANNING AND DEVELOPMENT COMMISSION
GVMC	GRAND VALLEY METRO COUNCIL
HPMS	HIGHWAY PERFORMANCE MONITORING SYSTEM
IBR	INVENTORY BASED RATING
IRI	INTERNATIONAL ROUGHNESS INDEX
IRT	INVESTMENT REPORTING TOOL
KATS	KALAMAZOO AREA TRANSPORTATION STUDY
KCRC	KENT COUNTY ROAD COMMISSION
LDC	LAPTOP DATA COLLECTORS
LTAP	LOCAL TECHNICAL ASSISTANCE PROGRAM
MAC	MICHIGAN ASSOCIATION OF COUNTIES
MAP-21	MOVING AHEAD FOR PROGRESS IN THE 21 ST CENTURY (ACT)
MAR	MICHIGAN ASSOCIATION OF REGIONS
MDOT	MICHIGAN DEPARTMENT OF TRANSPORTATION
MDTMB	MICHIGAN DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
MIC	Michigan Infrastructure Council
MITA	MICHIGAN INFRASTRUCTURE AND TRANSPORTATION ASSOCIATION
MML	MICHIGAN MUNICIPAL LEAGUE
MPO	METROPOLITAN PLANNING ORGANIZATION
MTA	MICHIGAN TOWNSHIPS ASSOCIATION
MTF	MICHIGAN TRANSPORTATION FUNDS
MTPA	MICHIGAN TRANSPORTATION PLANNING ASSOCIATION
MTU	MICHIGAN TECHNOLOGICAL UNIVERSITY

NBI	NATIONAL BRIDGE INVENTORY
NBIS	NATIONAL BRIDGE INSPECTION STANDARDS
NFA	NON-FEDERAL AID
NFC	NATIONAL FUNCTIONAL CLASSIFICATION
NHS	NATIONAL HIGHWAY SYSTEM
PASER	PAVEMENT SURFACE EVALUATION AND RATING
PNFA	PAVED NON-FEDERAL AID
PWA	PUBLIC WORKS ASSOCIATION
QA/QC	QUALITY ASSURANCE/QUALITY CONTROL
RCKC	ROAD COMMISSION OF KALAMAZOO COUNTY
ROW	RIGHT-OF-WAY
RPA	REGIONAL PLANNING AGENCY
RPO	REGIONAL PLANNING ORGANIZATION
SEMCOG	SOUTHEAST MICHIGAN COUNCIL OF GOVERNMENTS
STC	STATE TRANSPORTATION COMMISSION
STP	STATE TRANSPORTATION PROGRAM
TAMC	TRANSPORTATION ASSET MANAGEMENT COUNCIL
TAMCSD	TRANSPORTATION ASSET MANAGEMENT COUNCIL SUPPORT DIVISION
TAMP	TRANSPORTATION ASSET MANAGEMENT PLAN
TPM	TRANSPORTATION PERFORMANCE MEASURES
UWP	UNIFIED WORK PROGRAM
WAMC	Water Asset Management Council

S:/GLORIASTRONG/TAMC FREQUENTLY USED ACRONYMS.07.2018.GMS

Date	Event	Council Member	Location	TAMC Booth	Presentation	Comments and added Information / website / flyer
DECEMBER						
12/6/2018	2018 Transportation Asset Management for Local Officials	Not necessary	City of Harrison City Hall, Harrison, MI	No	No	http://ctt.mtu.edu/sites/ctt/files/flyers/2018tamlo-comstockpk-harrison.pdf
12/6/2018	Pavement Asset Management Plan Workshop	Not necessary	Marquette, MI	No	No	http://ctt.mtu.edu/sites/ctt/files/flyers/2018pavementamp.pdf
12/11/2018	Pavement Asset Management Plan Workshop	Not necessary	Gaylord, MI	No	No	http://ctt.mtu.edu/sites/ctt/files/flyers/2018pavementamp.pdf
12/12/2018	Pavement Asset Management Plan Workshop	Not necessary	Saginaw, MI	No	No	http://ctt.mtu.edu/sites/ctt/files/flyers/2018pavementamp.pdf
12/13/2018	Pavement Asset Management Plan Workshop	Not necessary	Grand Rapids, MI	No	No	http://ctt.mtu.edu/sites/ctt/files/flyers/2018pavementamp.pdf
JANUARY						
1/17/2019	IRT Training (9-12 WEBINAR)		WEBINAR	No	Yes	www.michigan.gov/tamc
FEBRUARY						
2/5/19 – 2/7/19	County Engineers Workshop	Not necessary	Sault St. Marie, MI	No	No	http://ctt.nonprofitsoapbox.com/calendar
2/12/2019	PASER (9-1130 Webinar)		WEBINAR	No	Yes	http://www.ctt.mtu.edu/sites/ctt/files/flyers/2019tamc-paseribr.pdf
2/21/2019	PASER (1-3:30 Webinar)		WEBINAR	No	Yes	http://www.ctt.mtu.edu/sites/ctt/files/flyers/2019tamc-paseribr.pdf
2/26/2019	PASER (All are 8am-12pm Classroom and 1-3pm Certification testing)		Forward Conference Center, West Branch	No	Yes	http://www.ctt.mtu.edu/sites/ctt/files/flyers/2019tamc-paseribr.pdf
2/26/2019	MRPA Local Agency Workshop 8am-3pm (Michigan Road Preservation Association)		Comfort Inn Conference Center Mt. Pleasant, MI	Monica will reach out to Roger		https://preservemiroads.org/
2/27/2019	PASER		Horizon's Conference Center, Saginaw	No	Yes	http://www.ctt.mtu.edu/sites/ctt/files/flyers/2019tamc-paseribr.pdf
2/28/2019	PASER (8-12) AND IRT (130-4)	Jennifer Tubbs	Okemos Conference Center, Okemos	No	Yes	http://www.ctt.mtu.edu/sites/ctt/files/flyers/2019tamc-paseribr.pdf www.michigan.gov/tamc
MARCH						
3/12/19 – 3/15/19	CRA Annual Highway Conference		Lansing Center, Lansing MI	Yes		https://micountyroads.org/events/highway-conference-and-road-show/
3/13/2019	PASER (9-1130 Webinar)		WEBINAR		Yes	
3/19/19 – 3/20/19	Michigan Bridge Conference		Marriot Auburn Hills Pontiac, MI	No	Yes	http://ctt.mtu.edu/BridgeConference
3/19/19 - 3/20/19	MML Capitol Conference		Lansing Center, Lansing MI	Yes		http://blogs.mml.org/wp/cc/
3/21/2019	IRT Training (9-12 WEBINAR)		WEBINAR		Yes	www.michigan.gov/tamc
3/25/19 – 3/27/19	MAC Legislative Conference		Radisson/Lansing Center, Lansing, MI	No		https://www.micounties.org/index.php/mac/calendar?view=ajaxbigcalendar
3/26/2019	PASER		The Bluff Banquet & Conf. Center, Grand Rapids	No	Yes	http://www.ctt.mtu.edu/sites/ctt/files/flyers/2019tamc-paseribr.pdf
3/27/2019	PASER (8-12) AND IRT (130-4)	Joanna Johnson	RCKC (Kalamazoo), Kalamazoo	No	Yes	http://www.ctt.mtu.edu/sites/ctt/files/flyers/2019tamc-paseribr.pdf www.michigan.gov/tamc
3/28/2019	PASER		Henry Ford College Dearborn, Dearborn	No	Yes	http://www.ctt.mtu.edu/sites/ctt/files/flyers/2019tamc-paseribr.pdf
APRIL						
4/1/2019 - 4/4/2019	MTA Conference		DeVos Place Grand Rapids, MI			https://www.michigantownships.org/conference.asp
4/2/2019	PASER (9-1130 Webinar)		WEBINAR	No	Yes	http://www.ctt.mtu.edu/sites/ctt/files/flyers/2019tamc-paseribr.pdf

4/9/2019	PASER (8-12) AND IRT (130-4)	Derek Bradshaw	University Center at Gaylord, Gaylord	No	Yes	http://www.ctt.mtu.edu/sites/ctt/files/flyers/2019tamc-paseribr.pdf www.michigan.gov/tamc
4/10/2019	PASER (8-12) AND IRT (130-4)		Delta CRC, Escanaba	No	Yes	http://www.ctt.mtu.edu/sites/ctt/files/flyers/2019tamc-paseribr.pdf www.michigan.gov/tamc
4/11/2019	PASER		Marquette, MI	No	Yes	http://www.ctt.mtu.edu/sites/ctt/files/flyers/2019tamc-paseribr.pdf
MAY						
5/16/2019	IRT Training (9-12 WEBINAR)		WEBINAR		Yes	www.michigan.gov/tamc
5/22 - 5/24	TAMC Spring Conference (Combined event with AWP)	All	Treetops Resort, MI	Gaylord	Yes	Gloria and Gary working on it - more details to come
5/21/19 – 5/23/19	APWA Conference (Golf outing on 5/21, Conference 5/22-23)	Gary Mekjian	Treetops Resort, MI	Gaylord	Yes	TAMC to have a booth in vendor area
JUNE						
6/11/2019	IRT Training	Gary Mekjian	SEMCOG, 1001 Woodward Avenue, Suite 1400, Detroit, MI 48226	No	Yes	www.michigan.gov/tamc
6/18/2019	MAR Annual Conference		Sault St. Marie, MI	No	No	Don Stypula will be providing more details as they just started planning the event.
JULY						
7/24/19-7/26/19	MTPA Annual Conference	Roger Belknap?	Radisson / Lansing Center, Lansing MI	No	Yes	www.mtpa-mi.org
AUGUST						
SEPTEMBER						
OCTOBER						
TBD	TAMC Fall Conference	All	Marquette, MI	Yes	Yes	
NOVEMBER						
TBD	RUCUS		TBD		Yes	
11/14/2019	GIS Day		Constitution Hall (DNR/DEQ), Lansing MI	Yes		
Helpful Links						
Full PASER Training PDF with links for each date	http://www.ctt.mtu.edu/sites/ctt/files/flyers/2019tamc-paseribr.pdf					

Proposed Timeline for Development of 2019 TAMC Report

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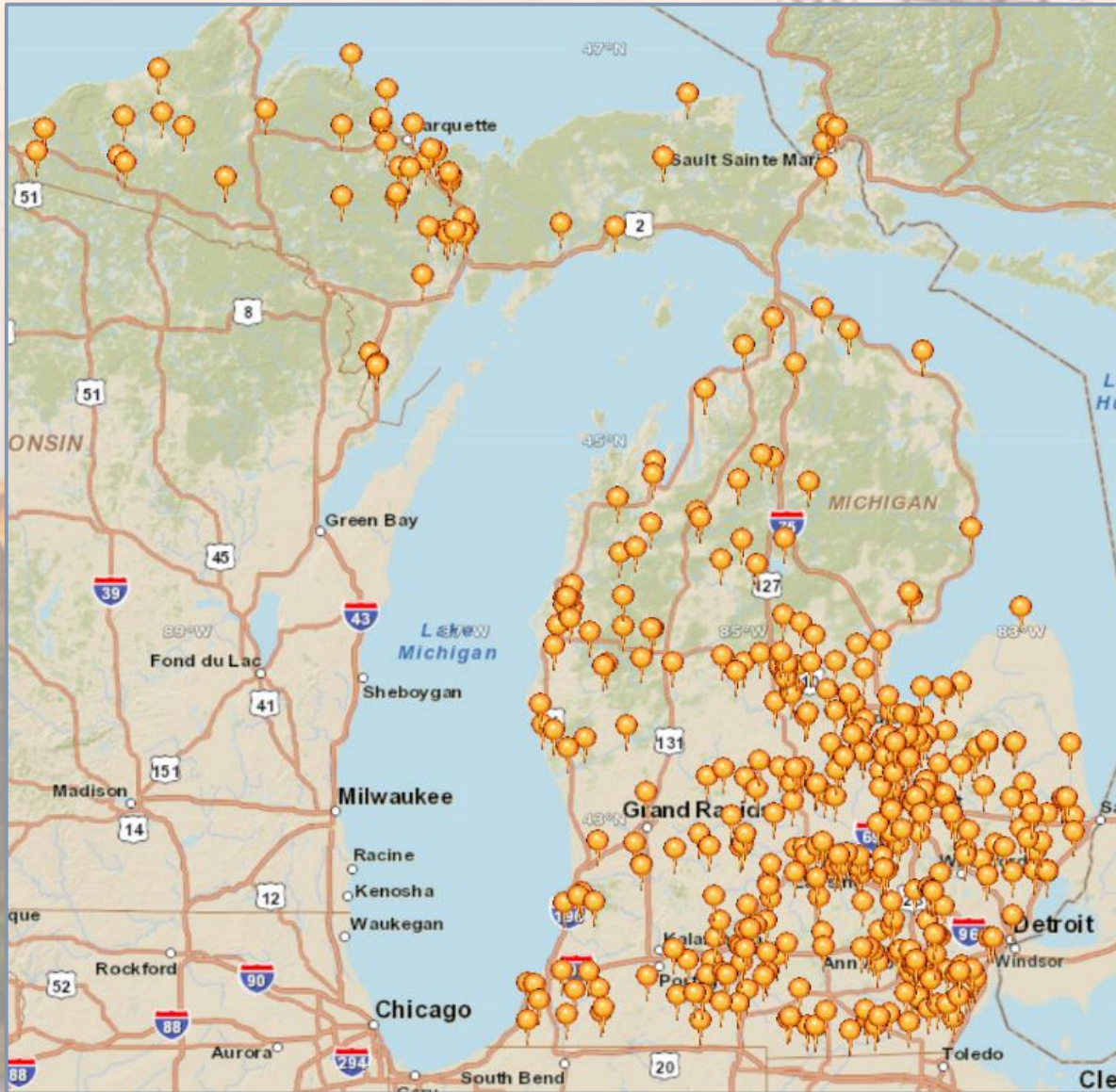
MDOT/CRA Bridge Bundling Working Session



December 3, 2018



Local Agency Bridges of Concern



- **477** LOCAL BRIDGES ARE RATED IN SERIOUS OR CRITICAL CONDITION
- **1,069** LOCAL BRIDGES ARE LOAD POSTED
- **58** LOCAL BRIDGES ARE CURRENTLY CLOSED DUE TO LOAD OR CONDITION CONCERNS

Current Funding Structure

2018			
	Local	Trunkline	Total
	Apportionment	Apportionment	
NHPP	\$ 10,669,669	\$ 589,725,863	\$ 600,395,532
Freight		\$ 31,154,701	\$ 31,154,701
STP			\$ -
TMA	\$ 81,817,947		\$ 81,817,947
Small MPO	\$ 14,817,690	\$ -	\$ 14,817,690
Small Urban	\$ 9,888,630	\$ -	\$ 9,888,630
Sm Urban Flex			\$ -
Rural	\$ 38,068,434		\$ 38,068,434
LTAP/MERL/Roadsoft	\$ 1,000,000		\$ 1,000,000
Flexible		\$ 89,932,971	\$ 89,932,971
Former Cat C (from flexible)	\$ 9,909,122		\$ 9,909,122
Former Cat D (from flexible)	\$ 10,899,429		\$ 10,899,429
Off-System Bridge	\$ 18,368,987		\$ 18,368,987
Safety	\$ 15,959,790	\$ 42,263,578	\$ 58,223,368
HRRR			\$ -
Rail Highway Crossing	\$ 3,972,420	\$ 3,972,419	\$ 7,944,839
SPR		\$ 21,792,553	\$ 21,792,553
Metropolitan Planning	\$ 10,691,032		\$ 10,691,032
CMAQ	\$ 37,445,668	\$ 37,445,668	\$ 74,891,335
Transportation Alternatives	\$ 12,250,124	\$ 12,250,124	\$ 24,500,248
Rec Trails		\$ 2,853,955	\$ 2,853,955
Certain Reauthorized Distribution	\$ 1,371,669		\$ 1,371,669
	\$ 277,130,611	\$ 831,391,832	\$ 1,108,522,442
	0.25	0.75	

Distribution Statistics

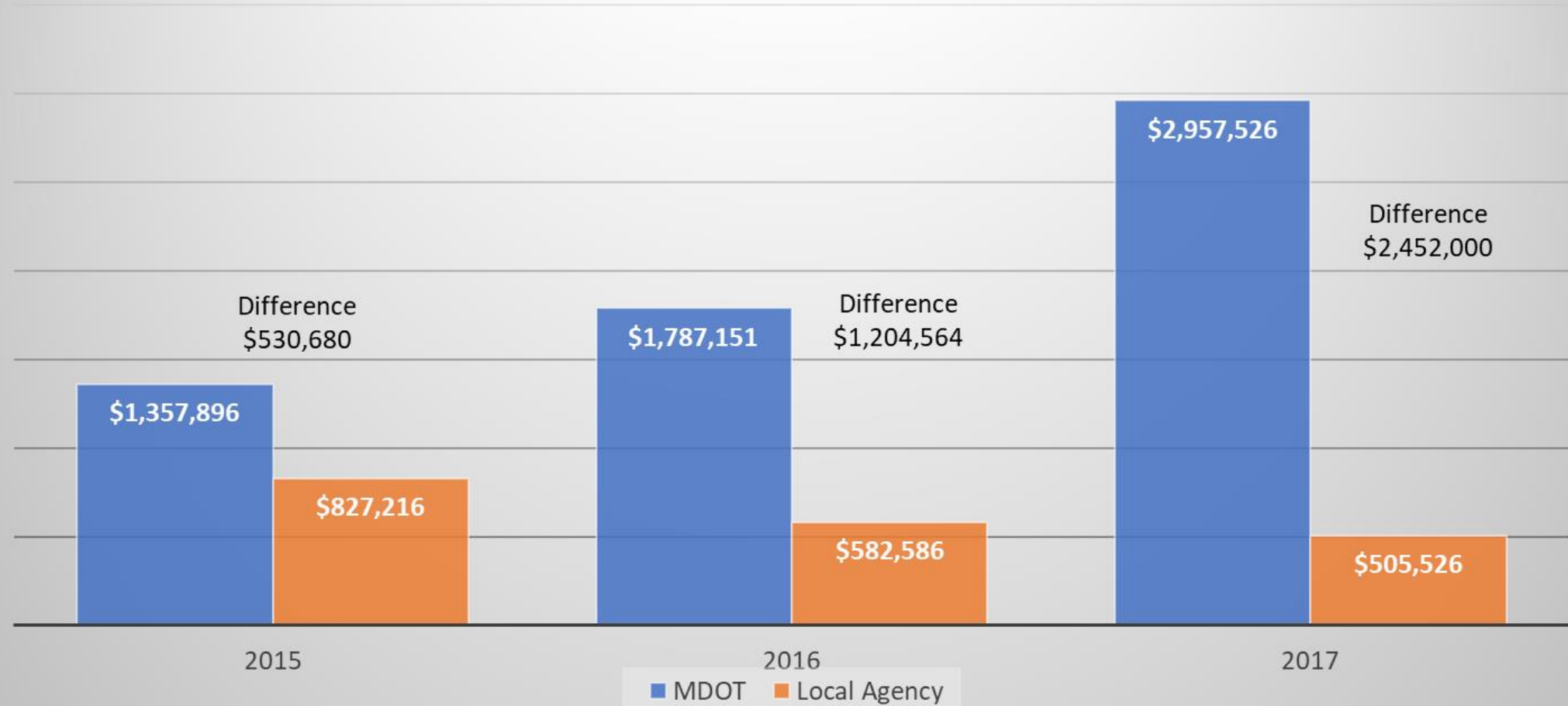
	ALL BRIDGES			NHS BRIDGES ONLY		
	Count	Area	ADT	Count	Area	ADT
Local	6,633	18,229,259	17,305,522	226	2,469,926	4,780,655
MDOT	4,493	51,124,958	76,559,972	2,737	34,947,511	64,174,556
TOTAL	11,126	69,354,217	93,865,494	2,963	37,417,437	68,955,211

	MDOT	Local Agency
Total Bridge Count	40.4%	59.6%
Total Bridge Area	73.7%	26.3%
Total Bridge ADT	81.6%	18.4%
NHS Bridge Count	92.4%	7.6%
NHS Bridge Area	93.4%	6.6%
NHS Bridge ADT	93.1%	6.9%

Distribution Statistics

Cost per Structure

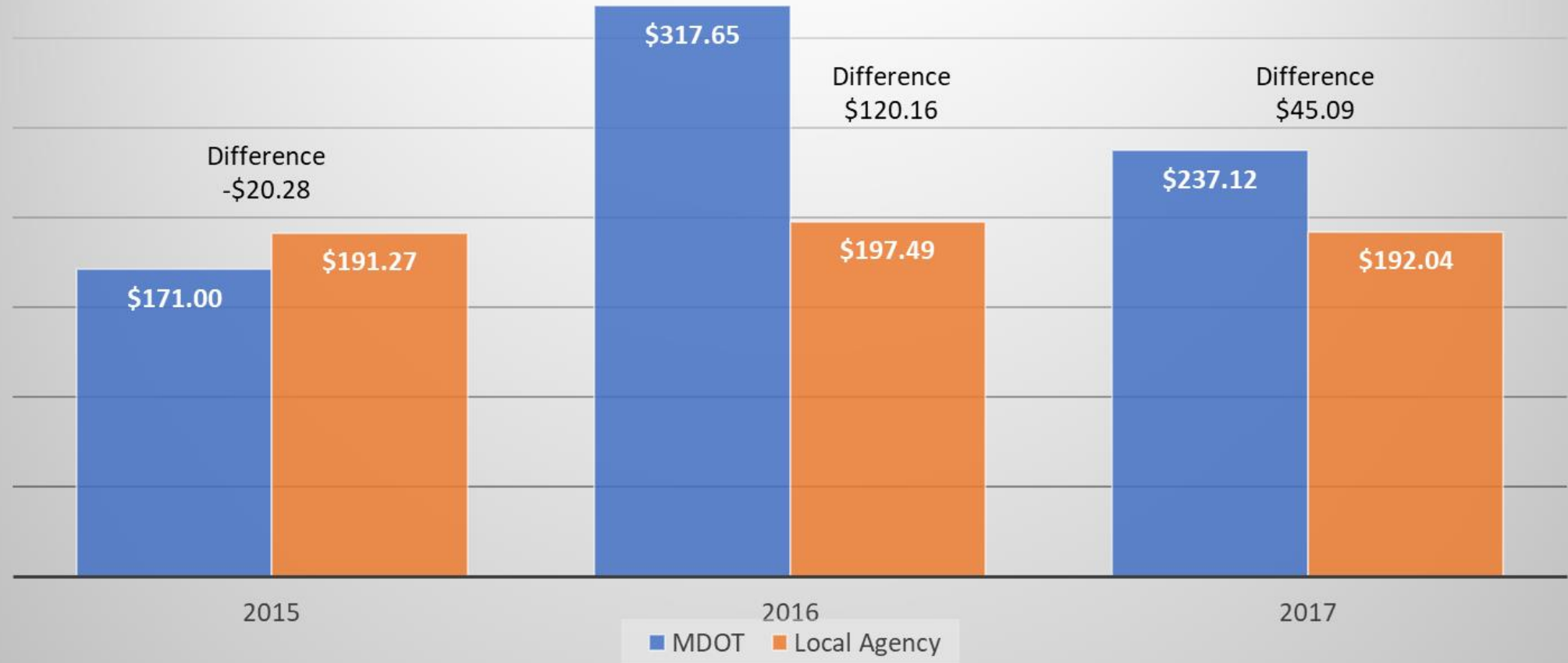
3 Yr Average Cost Difference
\$1,210,267



Distribution Statistics

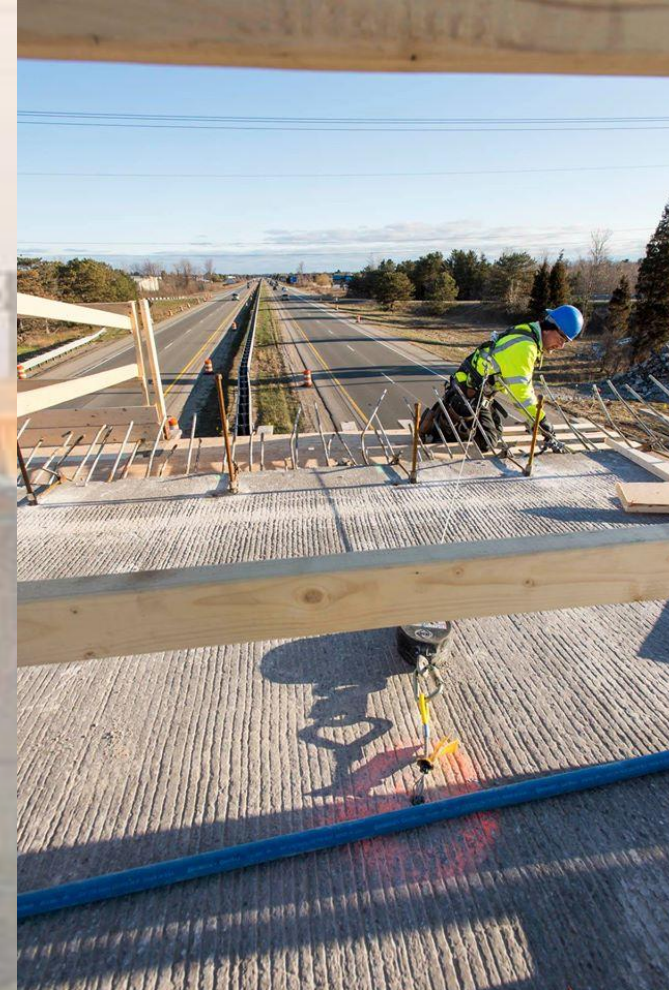
Cost per Deck Area (sqft)

3 Yr Average Cost Difference
\$25.96



Current/Potential Program Strategies

- State and local bridge programs independently developed
- Regional Bridge Councils select local bridge projects for current statewide local bridge program - with an improved asset management approach
- Michigan DOT Bridge Program - a strong history of effective asset management. including a separate Big Bridge strategy



GO BRIDGE OR GO HOME



**BIG HAIRY
AUDACIOUS
GOAL**

**ZERO
CRITICAL
BRIDGES IN
MICHIGAN BY
2025**

What is Bundling?

Grouping similar bridges into a single contract to enable repetitive use of design, saving time and money on design and construction.

- Applicable to all project types and sizes
- Encourages standardization
- Increases economies of scale
- Maximizes effectiveness of funding use
- Reduces management time and construction administration
- Streamlines external coordination and permitting
- Creates economic and time savings applicable to non-bridge projects



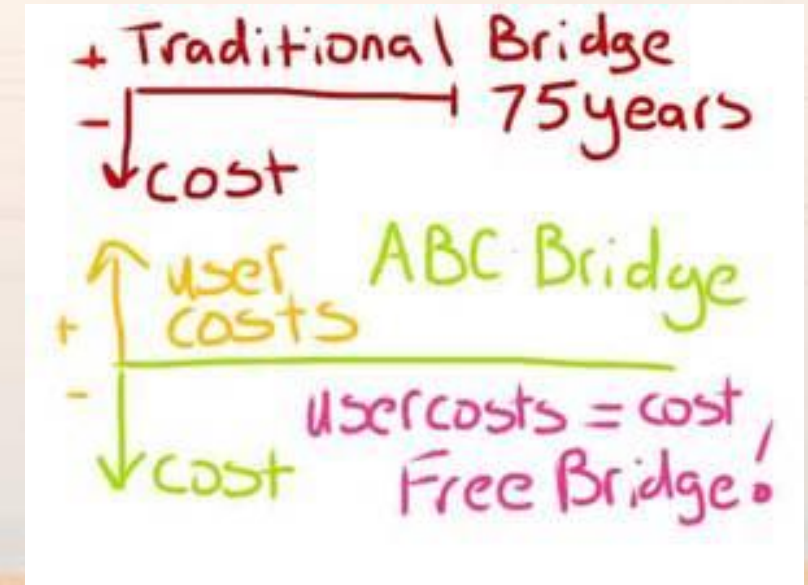
Delivery Methods

■ Potential delivery methods:

- Design-Bid-Build (DBB)
 - Best suited for rehabilitation projects
- Design-Build (DB)
- Public Private Partnerships (P3)

■ Accelerated Bridge Construction:

- Additional initial costs offset by economies of scale
- Enhanced by bundled bridge jobs
- More cost effective as designs are standardized
- More cost effective as bundles increase in size



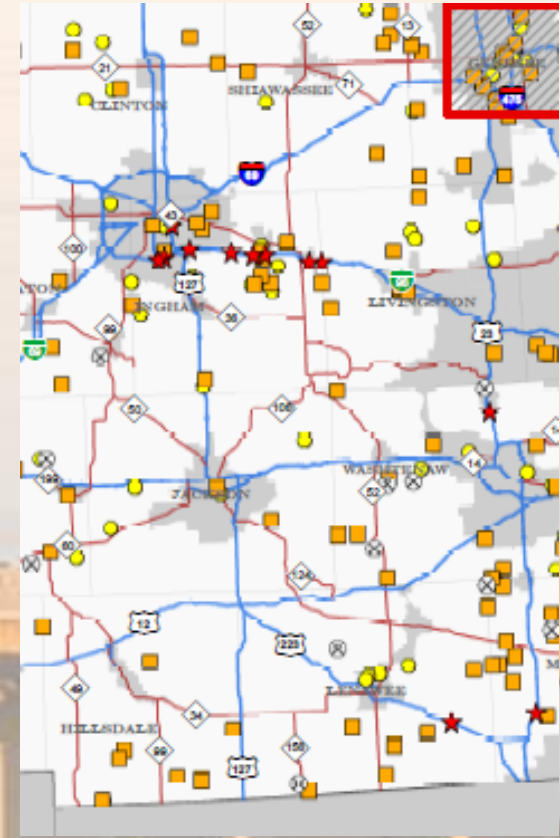
Grouping Criteria

- **Typical Criteria**

- Geographic location
- Similar bridge type or scope of work (scour critical, etc.)
- Delivery method
- Bundle size
- Overall work plan and goals of the agency

- **Maximize bundling benefits by:**

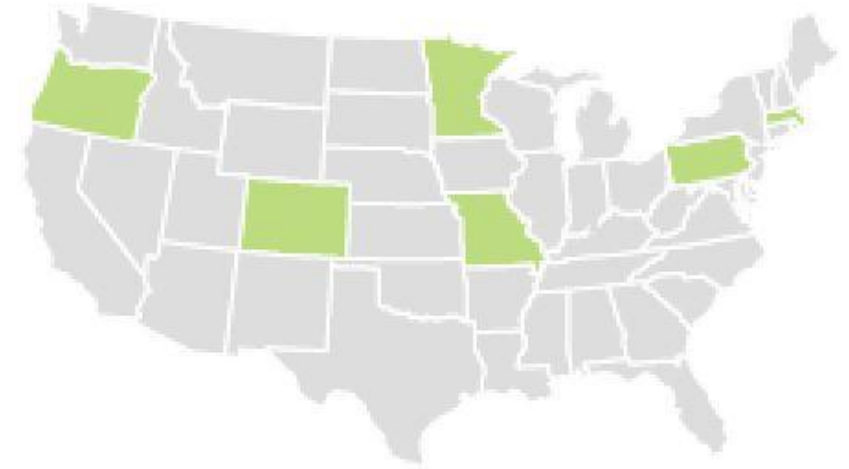
- Thoughtful approach to grouping criteria
- Standardized designs
- Correctly sizing each bundle
- Programmatic approach



Sample Programs

- **Missouri DOT Safe and Sound Program**
 - 802 Bridges, \$685 million, 5 years
- **PennDOT Rapid Bridge Replacement Program**
 - 558 bridges, \$899 million, 3 years
- **Massachusetts Turnpike Authority Bridge Bundling Program**
 - Multiple DB packages, \$160 million
- **New York State DOT Bridge Bundling Program**
 - 558 bridges, \$899 million, 3 years
- **Georgia DOT Bridge Bundling Program**
 - Initial 25 bridges, accelerated delivery

Bridge Improvement Programs



Ongoing Activities

- Working to identify “effort champions” in Local Bridge Advisory Board Regional Areas
- Currently evaluating closed, critical, serious and poor bridge in MiBridge database, and developing removal/replacement/rehabilitation estimates based on current geometric/functional criteria
- Focusing on existing LBAB candidate projects as pilot
- Technical advisory contract to investigate funding options, perform financial analysis and market sounding, and delivery options



Ongoing Activities

- Overall goal to develop and submit a feasibility memo to the new administration by March/April 2019
 - Highlighting CRA/MML/MDOT partnership, need to develop and overall branding for this effort:
 - ***MiBridge the MiWay***
 - ***Safely Bridging Michigan***
 - ***Zero Critical Bridges in Michigan by 2025***


GO BRIDGE OR GO HOME



**BIG HAIRY
AUDACIOUS
GOAL**

**ZERO
CRITICAL
BRIDGES IN
MICHIGAN BY
2025**

TAMC Budget Expenditure Report

 Michigan Transportation Asset Management Council		FY17 Budget			FY17 Actual			FY18 Budget			FY18 Year to Date			FY19 Budget			FY19 Year to Date			
(most recent invoice date)		\$	Spent	Balance	\$	Spent	Balance	\$	Spent	Balance	\$	Spent	Balance	\$	Spent	Balance				
I. Data Collection & Regional-Metro Planning Asset Management Program																				
Battle Creek Area Transportation Study	4 qtr 18	\$	20,000.00	\$	15,444.03	\$	4,555.97	\$	20,500.00	\$	20,213.36	\$	286.64	\$	20,500.00	\$	-	\$	20,500.00	
Bay County Area Transportation Study	4 qtr 18	\$	20,000.00	\$	10,794.42	\$	9,205.58	\$	21,100.00	\$	8,028.84	\$	13,071.16	\$	21,100.00	\$	-	\$	21,100.00	
Central Upper Peninsula Planning and Development	3 qtr 18	\$	40,471.00	\$	40,471.00	\$	-	\$	47,000.00	\$	24,395.80	\$	22,604.20	\$	47,000.00	\$	-	\$	47,000.00	
East Michigan Council of Governments	OCT	\$	95,995.00	\$	80,092.75	\$	15,902.25	\$	111,000.00	\$	81,559.65	\$	29,440.35	\$	111,000.00	\$	5,159.62	\$	105,840.38	
Eastern Upper Peninsula Regional Planning & Devel.	4 qtr 18	\$	20,000.00	\$	20,000.00	\$	-	\$	23,100.00	\$	23,100.00	\$	-	\$	23,100.00	\$	-	\$	23,100.00	
Genesee Lapeer Shiawassee Region V Planning Com.	OCT	\$	39,423.00	\$	37,172.06	\$	2,250.94	\$	46,000.00	\$	45,954.99	\$	45.01	\$	46,000.00	\$	-	\$	46,000.00	
Grand Valley Metropolitan Council	4 qtr 18	\$	20,000.00	\$	18,974.64	\$	1,025.36	\$	25,000.00	\$	12,060.69	\$	12,939.31	\$	25,000.00	\$	-	\$	25,000.00	
Kalamazoo Area Transportation Study	SEPT	\$	20,000.00	\$	19,128.11	\$	871.89	\$	22,000.00	\$	21,588.77	\$	411.23	\$	22,000.00	\$	-	\$	22,000.00	
Macatawa Area Coordinating Council	4 qtr 18	\$	20,000.00	\$	7,405.66	\$	12,594.34	\$	20,200.00	\$	9,575.57	\$	10,624.43	\$	20,200.00	\$	-	\$	20,200.00	
Midland Area Transportation Study	4 qtr 18	\$	20,000.00	\$	17,660.54	\$	2,339.46	\$	21,000.00	\$	20,857.81	\$	142.19	\$	21,000.00	\$	-	\$	21,000.00	
Northeast Michigan Council of Governments	OCT	\$	43,426.45	\$	43,426.45	\$	-	\$	52,200.00	\$	52,200.00	\$	-	\$	46,000.00	\$	5,100.32	\$	40,899.68	
Networks Northwest	SEPT	\$	61,316.00	\$	61,316.00	\$	-	\$	72,000.00	\$	71,915.46	\$	84.54	\$	72,000.00	\$	-	\$	72,000.00	
Region 2 Planning Commission	3 qtr 18	\$	37,940.00	\$	24,743.56	\$	13,196.44	\$	42,000.00	\$	18,368.33	\$	23,631.67	\$	42,000.00	\$	-	\$	42,000.00	
Saginaw County Metropolitan Planning Commission	3 qtr 18	\$	20,000.00	\$	11,585.29	\$	8,414.71	\$	22,200.00	\$	17,495.94	\$	4,704.06	\$	22,200.00	\$	-	\$	22,200.00	
Southcentral Michigan Planning Commission	SEPT	\$	53,162.00	\$	36,915.67	\$	16,246.33	\$	57,300.00	\$	37,137.28	\$	20,162.72	\$	57,300.00	\$	-	\$	57,300.00	
Southeast Michigan Council of Governments	NOV	\$	135,680.00	\$	135,679.60	\$	0.40	\$	174,000.00	\$	174,000.00	\$	-	\$	174,000.00	\$	14,010.71	\$	159,989.29	
Southwest Michigan Planning Commission	4 qtr 18	\$	37,030.00	\$	37,030.00	\$	-	\$	41,000.00	\$	41,000.00	\$	-	\$	41,000.00	\$	-	\$	41,000.00	
Tri-County Regional Planning Commission	4 qtr 18	\$	33,786.00	\$	33,786.00	\$	-	\$	40,000.00	\$	21,680.54	\$	18,319.46	\$	40,000.00	\$	-	\$	40,000.00	
West Michigan Regional Planning Commission	SEPT	\$	82,467.00	\$	82,467.00	\$	-	\$	91,000.00	\$	74,351.07	\$	16,648.93	\$	91,000.00	\$	-	\$	91,000.00	
West Michigan Shoreline Regional Development Com.	SEPT	\$	46,781.56	\$	46,145.01	\$	636.55	\$	54,000.00	\$	51,333.45	\$	2,666.55	\$	54,000.00	\$	-	\$	54,000.00	
Western Upper Peninsula Regional Planning & Devel.	4 qtr 18	\$	34,867.00	\$	34,847.53	\$	19.47	\$	40,000.00	\$	40,000.00	\$	-	\$	40,000.00	\$	-	\$	40,000.00	
MDOT Region Participation & PASER Quality Control	10/14/18	\$	62,750.00	\$	85,337.50	\$	(22,587.50)	\$	80,000.00	\$	52,914.97	\$	27,085.03	\$	91,440.00	\$	-	\$	91,440.00	
Fed. Aid Data Collection & RPO/MPO Program Total		\$	965,095.01	\$	900,422.82	\$	64,672.19	\$	1,116,400.00	\$	919,732.52	\$	196,667.48	\$	1,116,400.00	\$	24,270.65	\$	1,092,129.35	
II. PASER Data Collection (Paved, Non-Federal-Aid System)																				
PASER PNFA Data Collection Total		\$	40,760.39	\$	40,760.39	\$	-	<i>(FY18 PNFA Moved Into Data Collection Program Above)</i>					<i>(FY19 PNFA Moved Into Data Collection Program Above)</i>							
III. TAMC Central Data Agency (MCSS)																				
Project Mgmt	9/14/18	\$	37,800.00	\$	\$40,064.00	\$	(\$2,264.00)	\$	42,000.00	\$	46,585.00	\$	(4,585.00)	\$	42,000.00	\$	-	\$	42,000.00	
Data Support /Hardware/Software	9/14/18	\$	60,200.00	\$	\$58,833.00	\$	\$1,367.00	\$	68,800.00	\$	67,800.00	\$	1,000.00	\$	68,000.00	\$	-	\$	68,000.00	
Application Development / Maintenance / Testing	9/14/18	\$	83,280.00	\$	\$78,238.00	\$	\$5,042.00	\$	114,475.00	\$	115,250.00	\$	(775.00)	\$	114,000.00	\$	-	\$	114,000.00	
Help Desk / Misc Support	9/14/18	\$	66,600.00	\$	\$65,652.00	\$	\$948.00	\$	70,200.00	\$	68,200.00	\$	2,000.00	\$	70,000.00	\$	-	\$	70,000.00	
Training	9/14/18	\$	27,600.00	\$	\$29,133.00	\$	(\$1,533.00)	\$	34,950.00	\$	24,850.00	\$	10,100.00	\$	34,960.00	\$	-	\$	34,960.00	
Data Access / Reporting	9/14/18	\$	47,155.00	\$	\$45,696.00	\$	\$1,459.00	\$	49,575.00	\$	52,175.00	\$	(2,600.00)	\$	49,600.00	\$	-	\$	49,600.00	
<i>FY17 Off Budget: IRT Re-write - \$241,000</i>		9/30/17	\$	241,040.00	\$	260,023.00	\$	(18,983.00)												
TAMC Central Data Agency (MCSS) Total		\$	322,635.00	\$	317,616.00	\$	5,019.00	\$	380,000.00	\$	374,860.00	\$	5,140.00	\$	378,560.00	\$	-	\$	378,560.00	
IV. TAMC Training & Education (MTU) Calendar Year Z1																				
V. TAMC Activities (MTU) 215/R1		11/125/18	\$	210,000.00	\$	208,658.90	\$	1,341.10	\$	235,000.00	\$	140,622.07	\$	94,377.93	\$	220,000.00	\$	-	\$	220,000.00
VI. TAMC Expenses		9/18/18	\$	70,000.00	\$	60,253.50	\$	9,746.50	\$	115,000.00	\$	114,089.32	\$	910.68	\$	120,000.00	\$	-	\$	120,000.00
Fall Conference Expenses	12/11/18	\$	6,000.00	\$	8,312.40	\$	-	\$	10,000.00	\$	7,269.00	\$	-	\$	10,000.00	\$	7,507.40	\$	-	
Fall Conf. Attendance Fees + sponsorship Fees	12/11/18	\$	-	\$	2,625.00	\$	-	\$	-	\$	4,405.00	\$	-	\$	-	\$	6,755.00	\$	-	
Net Fall Conference	12/11/18	\$	8,625.00	\$	8,312.40	\$	312.60	\$	14,405.00	\$	7,269.00	\$	7,136.00	\$	16,755.00	\$	7,507.40	\$	9,247.60	
Spring Conference Expenses	11/5/18	\$	8,000.00	\$	6,721.80	\$	-	\$	3,800.00	\$	7,439.36	\$	-	\$	10,000.00	\$	-	\$	-	
Spring Conf. Attendance Fees + sponsorship Fees	8/17/18	\$	-	\$	6,140.00	\$	-	\$	-	\$	8,350.00	\$	-	\$	-	\$	-	\$	-	
Net Spring Conference	11/5/18	\$	14,140.00	\$	6,721.80	\$	7,418.20	\$	12,150.00	\$	7,439.36	\$	4,710.64	\$	10,000.00	\$	-	\$	10,000.00	
Other Council Expenses	9/28/18	\$	3,915.29	\$	8,483.24	\$	(4,567.95)	\$	10,000.00	\$	7,301.72	\$	2,698.28	\$	10,000.00	\$	-	\$	10,000.00	
TAMC Expenses Total		\$	26,680.29	\$	23,517.44	\$	3,162.85	\$	36,555.00	\$	22,010.08	\$	14,544.92	\$	36,755.00	\$	7,507.40	\$	29,247.60	
VII. Culvert Pilot Project																				
Central Data Agency (MCSS)	10/16/18	\$	-	\$	-	\$	-	\$	15,000.00	\$	9,312.00	\$	5,688.00							
MTU Project Management	11/7/18	\$	-	\$	-	\$	-	\$	172,100.00	\$	150,000.00	\$	22,100.00	Final FY2018 Invoices for Culverts forthcoming						
TAMC Administration & Contingency	11/7/18	\$	-	\$	-	\$	-	\$	84,438.00	\$	-	\$	84,438.00							
Central Upper Peninsula Planning and Development	3 qtr 18	\$	-	\$	-	\$	-	\$	88,641.00	\$	25,726.56	\$	62,914.44	Final FY2018 Invoices for Culverts forthcoming						
East Michigan Council of Governments	SEPT	\$	-	\$	-	\$	-	\$	328,607.00	\$	259,229.13	\$	69,377.87							
Eastern Upper Peninsula Regional Planning & Devel.	4 qtr 18	\$	-	\$	-	\$	-	\$	5,688.00	\$	5,034.70	\$	653.30							
Genesee Lapeer Shiawassee Region V Planning Com.	SEPT	\$	-	\$	-	\$	-	\$	124,909.00	\$	54,266.60	\$	70,642.40							
Grand Valley Metropolitan Council	4 qtr 18	\$	-	\$	-	\$	-	\$	77,782.00	\$	69,733.25	\$	8,048.75							
Kalamazoo Area Transportation Study	SEPT	\$	-	\$	-	\$	-	\$	50,402.00	\$	15,879.65	\$	34,522.35							
Northeast Michigan Council of Governments	SEPT	\$	-	\$	-	\$	-	\$	33,506.00	\$	21,781.96	\$	11,724.04							
Networks Northwest	SEPT	\$	-	\$	-	\$	-	\$	184,513.00	\$	163,641.05	\$	20,871.95							
Region 2 Planning Commission	3 qtr 18	\$	-	\$	-	\$	-	\$	54,900.00	\$	2,328.00	\$	52,572.00	Final FY2018 Invoices for Culverts forthcoming						
Southcentral Michigan Planning Commission	SEPT	\$	-	\$	-	\$	-	\$	93,456.00	\$	36,137.17	\$	57,318.83							
Southeast Michigan Council of Governments	SEPT	\$	-	\$	-	\$	-	\$	87,644.00	\$	45,757.96	\$	41,886.04							
Southwest Michigan Planning Commission	4 qtr 18	\$	-	\$	-	\$	-	\$	101,849.00	\$	67,138.17	\$	34,710.83							
Tri-County Regional Planning Commission	4 qtr 18	\$	-	\$	-	\$	-	\$	47,587.00	\$	6,962.44	\$	40,624.56							
West Michigan Regional Planning Commission	SEPT	\$	-	\$	-	\$	-	\$	241,511.00	\$	181,441.39	\$	60,069.61							
West Michigan Shoreline Regional Development Com.	SEPT	\$	-	\$	-	\$	-	\$	144,238.00	\$	89,092.30	\$	55,145.70							
Western Upper Peninsula Regional Planning & Devel.	4 qtr 18	\$	-	\$	-	\$	-	\$	63,229.00	\$	46,960.41	\$	16,268.59							
Culvert Pilot Project Total		\$	-	\$	-	\$	-	\$	2,000,000.00	\$	1,250,422.74	\$	749,577.26							
Total Program		\$	1,635,170.69	\$	1,233,613.05	\$	83,941.64	\$	3,882,955.00	\$	2,821,736.73	\$	1,061,218.27	\$	1,871,715.00	\$	31,778.05	\$	1,839,936.95	
Appropriation		\$	1,626,400.00					\$	3,876,400.00					27.33%	\$	1,876,400.00	98.30%			



October 10, 2018

The Michigan Chapter of APWA is now accepting award applications for the 2019 Public Works Project of the Year Awards competition. This prestigious award program gives Michigan communities an opportunity to highlight and celebrate their achievements in many facets of public works:

- Disaster or Emergency Construction/Repair
- Environment
- Governmental Cooperation
- Historical Restoration/Preservation
- Quality of Life
- Structures
- Transportation

The nomination form and project submittals are due by January 16, 2019, midnight EST. Eligibility requirements, application details, and category descriptions are listed on the nomination form. Electronic submittals will be accepted at <https://dbinbox.com/michiganapwa>, no hard copies will be accepted.

Winning projects will be recognized at our annual state chapter conference banquet to be held the week of May 20, 2019 at Treetops Resort in Gaylord, MI. Additionally, the Michigan Chapter will display winning project information on our homepage (<http://michigan.apwa.net/>), will highlight the project winners in the Great Lakes Reporter, our quarterly chapter magazine, and will help in publicizing the community's award by various means including press releases and public meeting award presentations.

The winning projects will be nominated to the National APWA Awards Program, if in an eligible category. Project submittals are due to APWA National by March 4, 2019. The national winners will be named and recognized at the 2019 PWX in Seattle on Sept 8 - 11, 2019. Visit APWA National Website for more details (<http://www.apwa.net/>).

Sincerely,

Karen Mondora, PE
APWA Michigan Chapter Awards Chairperson

American Public Works Association
Michigan Chapter

40772 Supreme Court
Sterling Heights, MI 48313

Phone: 586-219-4617
Fax: 248-370-0011



MICHIGAN CHAPTER

NOMINATION FORM | 2019 APWA MICHIGAN CHAPTER PUBLIC WORKS PROJECT OF THE YEAR AWARD

Purpose - The APWA Michigan Chapter Public Works Project of the Year Award was established to promote excellence in the management and administration of public works projects by recognizing the alliance between the managing agency, the consultant/architect/engineer, and the contractor who, working together, complete public works projects.

Eligibility - Public works is defined as the physical structures and facilities that are developed, owned, and maintained by public agencies to house governmental functions and provide water, power, waste disposal, transportation, and similar public services in accordance with established public policy.

To be eligible for nomination, a project must have been "substantially completed" and available for public and/or agency use within two calendar years prior to nomination. If a project has multiple phases or segments, then "substantially completed" will be construed as that point when the final phase or segment is 90% completed and available for public and/or agency use.

A project may only be nominated once for recognition as "Project of the Year" under any category. Contact Karen Mondora, PE, APWA Michigan Chapter Awards Chairperson, with questions at kmondora@fhgov.com or (248) 871-2530.

DEADLINE January 18, 2019

(electronic submittals only at <https://dbinbox.com/michiganapwa>)

PROJECT NAME

PROJECT COMPLETION DATE

Must be substantially completed (90%) and available for public use as of December 31, 2018

PUBLIC AGENCY

PROJECT CATEGORY (Choose 1)

- ☐ Disaster or Emergency Construction/Repair
- ☐ Environment
- ☐ Historical Restoration/Preservation
- ☐ Quality of Life
- ☐ Structures
- ☐ Transportation

PROJECT DIVISION

- ☐ Less than \$1 Million
- ☐ \$1 Million to \$5 Million
- ☐ \$5 Million to \$25 Million
- ☐ \$25 Million to \$75 Million

SPECIAL PROJECT CATEGORY

- ☐ Governmental Cooperation
(No Cost Divisions. Capital Projects are not eligible)

MANAGING AGENCY

Name

Title

Agency/Organization

Address (if post office box, include street address)

City

State/Province

Zip/Postal Code

Phone

Fax

Email

PRIMARY CONTRACTOR

Name

Title

Agency/Organization

Address (if post office box, include street address)

City

State/Province

Zip/Postal Code

Phone

Fax

Email



NOMINATION FORM | 2019 APWA MICHIGAN CHAPTER PUBLIC WORKS PROJECT OF THE YEAR AWARD

PRIMARY CONSULTANT

Name _____

Title _____

Agency/Organization _____

Address (if post office box, include street address) _____

City _____ State/Province _____ Zip/Postal Code _____

Phone _____ Fax _____

Email _____

NOMINATED BY: (Can only be nominated by managing public agency or APWA Michigan Chapter branches) Projects that involve or reside within two or more branch locations can be co-nominated.

Name _____

Title _____

Agency/Organization _____

Address (if post office box, include street address) _____

City _____ State/Province _____ Zip/Postal Code _____

Phone _____ Fax _____

Email _____

Please address each of the following areas in your nomination, adhering to the sequence below when possible.

1. Construction schedule, management, and control techniques used. Completion date contained in contract. Any time extensions granted should be addressed in the submittal.
2. Safety performance including number of lost-time injuries per 1,000 man-hours worked and overall safety program employed during the construction phase.
3. Community relations - a summary of the efforts by the agency, consultant and contractor to protect public lives and property, minimize public inconvenience and improve relations.
4. Environmental considerations including special steps taken to preserve and protect the environment, endangered species, etc., during the construction phase.
5. Unusual accomplishments under adverse conditions, including but not limited to, adverse weather, soil or site conditions, or other occurrences over which there was no control.
6. Additional considerations you would like to bring to the attention of the project review panel, such as innovations in technology and/or management applications during the project.
7. Use of alternative materials, funding practices, or sustainable infrastructure rating system (such as the Envision rating system) to ensure project is sustainable.

NOTE: Supporting documentation is **limited to 20 pages**, exclusive of photographs and nomination form and shall be in pdf format. Photographs will be used for promotional purposes by the association and should be submitted as a .jpeg, .bmp, or .gif. Submittal should include nomination form and supporting documentation form, and photographs. No letters of recommendation please.

- Disaster or Emergency Construction/Repair** - to include techniques and timing for safety, community relations, environmental protection, adverse conditions and additional considerations.
- Environment** - to include treatment and recycling facilities, landfill reclamation projects, sewer projects, etc.
- Governmental Cooperation** - to include multiple community ventures or cost sharing means. (No cost divisions for this category. Capital projects are not eligible.)
- Historical Restoration/Preservation** - to include historical restoration, preservation and adaptive reuse of existing buildings, structures, and facilities, etc.
- Quality of Life** - to include parks, monuments, community planning, urban renewal and streetscape.
- Structures** - to include public structure preservation/rehabilitation, municipal buildings, parks, etc.
- Transportation** - to include roads, bridges, mass transit, etc.